ENVIRONMENTAL CHEMISTS

Date of Report: 08/29/00 Date Received: 08/24/00

Project: Metro Self Monitor, PO# M82838

Date Extracted: 08/28/00 Date Analyzed: 08/28/00

RESULTS FROM THE ANALYSIS OF THE WATER SAMPLE FOR TOTAL METALS BY INDUCTIVELY COUPLED PLASMA (ICP) (METHOD 6010)

Results Reported as mg/L (ppm)

		and the state of the particular and the state of the stat	
Sample ID	<u>Chromium</u> Cop	per <u>Nickel</u>	Zinc
Laboratory ID			
M82838	0.63 0.	.46 0.61	0.09
008116-01			
Malathia - Vita Kijis	그림을 그렇게 그리는 그림을		
Method Blank	<0.05 <0.	.05 <0.05	< 0.05

ENVIRONMENTAL CHEMISTS

Date of Report: 08/29/00 Date Received: 08/24/00

Project: Metro Self Monitor, PO# M82838

QUALITY ASSURANCE RESULTS FOR TOTAL METALS BY INDUCTIVELY COUPLED PLASMA (ICP) (METHOD 6010)

Laboratory Code: 008116-01 (Duplicate)

	생활하는 사람이는 아니라도 네				Relative		
	Reporting	Sample	D	uplicate	Percent	Acceptance	e
Analyte	Units	Result	317	Result	Difference	Criteria	- 1 ₂ 1 ₂
Chromium	mg/L (ppm)	0.63		0.68	8	0-20	
Copper	mg/L (ppm)	0.46		0.45	2	0-20	
Nickel	mg/L (ppm)	0.61		0.70	14	0-20	
Zinc	mg/L (ppm)	0.09		0.09	0	0-20	

Laboratory Code: 008116-01 (Matrix Spike)

	Reporting	Spike	Sample			covery	Acceptance		
Analyte	Units	Level	Result	MS	M	SD	Criteria	RPI) '
Chromium	mg/L (ppm)	5	0.63	91)3	80-120	2	TA
Copper	mg/L (ppm)	5	0.46	98	-	9	80-120	1	
Nickel	mg/L (ppm)	10	0.61	86		3	80-120	8	
Zinc	mg/L (ppm)	5	0.09	86		6	80-120	11	

Laboratory Code: Laboratory Control Sample

		Reporting	Spik	e %	Recov	ery %	Recov	ery Acce	ptance		
Analyte	Temple 1	Units	Leve	el	LCS	**	LCSD	Cri	teria	RPD	
Chromium		mg/L (ppm)	5		94		95	80	-120	1	
Copper		mg/L (ppm)	5		104		104	80-	-120	0	
Nickel	V. H.	mg/L (ppm)	10		94		95	80-	-120	1	
Zinc		mg/L (ppm)	5		93		92	80	-120	1	1.1

008116 KT 8/24/00 BF2

FRIEDMAN & BRUYA, INC. 3012 16th Avenue West Seattle, WA 98119-2029 (206) 285-8282

SAMPLE CHAIN OF CUSTODY

Send Report To: Al Askaw Copper works Contact George A. Thompson											
Address 620 Mishard	<u> </u>										
City, State, Zip Seattle	us 9	38/34	/ 263 /2-8		E 2/ 5						
Phone # 206-382-8379 FAX # 256-382-4309 Date 8-24-00											
SITE NO.		PROJECT 1	NAME	Pi	URCHASE ORDER	.#					
. 7238	me	troo Self	monitor	m &z							
SAMPLERS (signature) PROJECT LOCATION											
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FORMS/CHECKIN/COC

06/29/00

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D. Charlene Jensen, M.S. Bradley T. Benson, B.S. Kurt Johnson, B.S.

3012 16th Avenue West Seattle, WA 98119-2029 TEL: (206) 285-8282 FAX: (206) 283-5044 e-mail: fbi@isomedia.com

August 29, 2000

DUPLICATE COPY

INVOICE #00ACU0829-1

Accounts Payable Alaskan Copper Works 628 South Hanford Seattle, WA 98134

RE: Project Metro Self Monitor, PO# M82838 - Results of testing requested by Gerald A. Thompson for material submitted on August 24, 2000.

FEDERAL TAX ID (b) (6)

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D. Charlene Jensen, M.S. Bradley T. Benson, B.S. Kurt Johnson, B.S.

3012 16th Avenue West Seattle, WA 98119-2029 TEL: (206) 285-8282 FAX: (206) 283-5044 e-mail: fbi@isomedia.com

August 29, 2000

Gerald A. Thompson, Project Manager Alaskan Copper Works 628 South Hanford Seattle, WA 98134

Dear Mr. Thompson:

Included are the results from the testing of material submitted on August 24, 2000 from your Metro Self Monitor, PO# M82838 project. Any samples that may remain are currently scheduled for disposal in 30 days. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

We appreciate this opportunity to be of service to you and hope you will call if you should have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.

Kate Trafton

Project Manager

Enclosures ACU0829R.DOC